

TPS014-US1

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Second Party:	Name (line 1): Name (line 2):	HANEDA, Hiro	shi	Execution Date (mo	/day/yr):	2/20/02	
Third Party:	Name (line 1): Name (line 2):	KAMON, Keiicl	<u>ni</u>	Execution Date (mo	/day/yr):	2/8/02	
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appointment of	of a domestic repre	esentative is attached.	(Designation must b	oe a separate document	from Assig	nment.)	
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Name:Address:	Michael Aronof Tyco Electronic Intellectual Proj	s Corporation perty Law Dept. n Drive, MS R20/21		and Telephone Numb	er: 65	60-361-5979	
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date indicated below:

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APPLICATION NUMBER(S) OR PATENT NUMBER(S): Enter either the Patent Application Number or the Patent Number. DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY.
Application No(s). 10/019,587 Patent No(s).
If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was signed by the first named executing inventor (mo/day/yr):
PATENT COOPERATION TREATY (PCT) NUMBERS: Enter PCT Application Number only if a U.S. Application Number has not been assigned. Mark if additional numbers attack
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FEE AMOUNT: Fee amount for properties listed (37 CFR 3.41): \$ 40.00
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Deposit account number: <u>18-0560</u> . (Enter for payment by deposit account or if additional fees can be charged to the account.)
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Michael Aronoff, Reg. No. 37,770 Name of Person Signing M M M M M M M M M
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PATENT REEL: 012741 FRAME: 0287

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Docket/Reference No.: TPS014-US1

ASSIGNMENT

WHEREAS, I/we,

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Shigeki KANBARA, Hiroshi HANEDA, and Keiichi KAMON

("INVENTOR(S)"), citizen(s) of Japan, and residing at 500-426, Kamiyobe, Yobeku, Himeji-Shi, Hyogo 671-1262, Japan; 756, Takata, Aboshiku, Himeji-Shi, Hyogo 671-1226, Japan; and 1-7-9, Ichibanishi, Izumisano-Shi, Osaka 598-0006, Japan, respectively, have made a new and useful invention that is the subject of an application for United States Letters Patent thereon ("APPLICATION"), entitled

AN ACQUSTIC CONTACT DETECTING DEVICE

	for which I/we have this day executed the application papers for submission concurrently herewith to the United States Patent and Trademark Office; or
\boxtimes	which was filed on <u>December 20, 2001</u> and has been assigned U.S. Application Serial No. <u>10/019,587</u> ; and
	WHEREAS,
	TOUCH PANEL SYSTEMS CORPORATION ("ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of Japan, having its principal place of business at 2-5, Kasumigaseki 3-Chome, Chiyoda-Ku, Tokyo 100-6077, Japan.

is desirous of acquiring the exclusive right, title, and interest in and to the APPLICATION and in and to any Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I/we, the INVENTOR(S), do hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the APPLICATION and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

Name	Signature	Date	
Shigeki KANBARA	Shigoki Kanbara	2/20/2002	
Hiroshi KANEDA	Biroshi Kaneda	2/20/2002	
Keiichi KAMON			

Rev 01/02

PATENT REEL: 012741 FRAME: 0288

Docket/Reference No.: TPS014-US1

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Name	Signature	Date	
Shigeki KANBARA			
Hiroshi KANEDA			
Keiichi KAMON	Reichi Ramon	8 . February 2002	

RECORDED: 03/13/2002

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